

## Bismarck State College

Bismarck State College, an innovative community college, offers high quality education, workforce training, and enrichment programs reaching local and global communities.

**Current Semester:** Fall 2018

**Course:** BIOL 115 Human Structure and Function

**Credit Hours:** 3

**Instructor Contact Information:** Deanna Solhjem, Assistant Professor of Biology  
201D Jack Science Center, 224-5493  
deanna.solhjem@bismarckstate.edu  
Office Hours: M 1-2; T 10-11; W 12-1; Th 930-10, 230-3; F 12-1

Email is the best way to communicate with me. When you do send an email, put your course and time in the subject line (e.g. Subject: BIOL 115, 10am) and sign it with your full name.

**Course Materials:** *Understanding Anatomy & Physiology Second Edition*, by Gale Sloan Thompson  
\*1<sup>st</sup> edition is okay but make notes of differences between editions

**Course Description:** This course is designed to be an introduction for students planning to take higher level anatomy and physiology courses. The course will include a wide range of topics associated with the human body.

**Course Outcomes:**

Course Learning Outcomes	Institutional Essential Learning Outcomes (IELOs)
Understand the anatomy and physiology of the human body in order to determine the root causes and solutions for diseases/diagnoses using relevant terminology	Thought – Problem Solving

\* The BSC Institutional Essential Learning Outcomes can be found at <https://bismarckstate.edu/uploads/0/BSCsInstitutionalEssentialLearningOutcomes.pdf>

**Unit Objectives:** Students successfully completing this course will demonstrate an understanding of the structure and function of the human body as well as a basic understanding of homeostatic mechanisms. The students will also become familiar with several organ systems including digestive, urinary, reproductive, skeletal, muscular, nervous, and cardiovascular.

**Active Learning:** In addition to educational strategies such as reading, listening, and reflecting, when appropriate this class makes use of learning techniques commonly known as active learning. Students should expect to participate in active learning techniques such as discussions, small group activities, writing, problem-solving, case studies, etc. These activities promote analysis, synthesis, and evaluation of class content in order to improve student learning outcomes.

**Assessment Methods:** There will be a quiz at the end of each chapter. There will be exams every 3-4 chapters for a total of FOUR exams given during the semester. There will also be a cumulative final exam during finals week. All questions will be objective (multiple choice, matching, fill-in-the-blank, and/or short answer). *If, for ANY reason, you have to leave the classroom during a test, you MUST turn in your exam. You will NOT be permitted to return and complete it.*

In addition, there may be various assignments and unannounced quizzes given throughout the semester.

A grade of zero will be recorded for any exam or other assignment that is missed. Missed assignments, quizzes, and exams CANNOT be made up except for extraordinary, proven circumstances such as a medical issue (complete with a doctor's note) or a funeral (with a funeral program provided to the instructor upon return). I need to be contacted **PRIOR** to the regular exam or as soon as possible afterwards to receive consideration.

I understand that sometimes ordinary circumstances may cause you to miss an exam or quiz. To compensate for those instances, I will be dropping your lowest quiz score and your lowest regular exam score from your final grade. Therefore, the zero you would get from missing one quiz or one exam will not affect your final grade.

**Grading:** The final grade for this course will be determined as follows:

A (90-100%)    B (80-89%)    C (70-79%)    D (60-69%)    F (<60%)

I do round up to whole percentages so an 89.5% is the lowest possible score to receive an A and so forth.

DO NOT email me to ask about or discuss your grade. BSC policy prevents me from discussing grades over the phone or email. That can only be done in person and you are welcome to visit me during office hours or make an appointment at another time to do so. I keep your grades updated in Blackboard so you can figure out your current grade and do your own math and figure out "how many points you need to get a certain grade."

**Attendance:** Attendance is expected. You are responsible for your education and I expect you to be in class so you don't miss any notes or announcements. If you do miss a class, it is your responsibility to contact me or a fellow classmate to find out what you have missed so you do not fall behind.

I expect you to be on time. If you are late to class and miss the quiz, you will not get to make it up.

#### **Policies and Procedures:**

**Academic Honor Code:** Students at BSC are expected to be honorable in behavior and above reproach in pursuit of their academic achievements. Cheating, plagiarism, or collusion in class work, laboratory performance, shop work, or test taking is unacceptable and subject to disciplinary action. More information can be found at <https://bismarckstate.edu/uploads/resources/356/studentacademichonorcode.pdf>.

**Accessibility:** If you have a disability that may limit your ability to fully participate in this class, please contact the Student Accessibility Office (SAO) at 224-2575. Personnel from the SAO will work with you and your instructor to arrange for reasonable accommodations after you have completed the registration process and it has been determined that you qualify.

**Camera/Video Recording:** Photographic, audio, and video recording of this class and/or the instructor are prohibited unless specifically requested by a student and approved/authorized in writing by the instructor or the Student Accessibility Office.

**Email:** Please note that I will only correspond with students through their **BSC email account**. Student Email Policy states: "In an effort to protect student privacy and better ensure student authenticity, official email exchanged between registered students and BSC personnel requesting a response shall require the response be exchanged from the student's official email address (i.e., [NDUS ID@bismarckstate.edu](mailto:NDUS ID@bismarckstate.edu)). This policy is for the protection of faculty, staff, and students." More information can be found at <https://bismarckstate.edu/uploads/resources/1197/studentemailpolicy.pdf>.

**Military/Veteran Statement:** If you are currently or have served in the military, please contact the Veterans Services Office at 224-2575 regarding services/benefits to which you may be entitled.

**Drop/Withdrawal Deadlines:** Term dates can be found on Campus Connection in the class details. Drop and withdraw dates for each term can be found at <https://bismarckstate.edu/academics/records/calendarsdeadlines/>.

**Student Policy Handbook:** Student rights and responsibilities along with student policies can be found at <https://bismarckstate.edu/students/resources/handbook/>.

**Title IX:** For more information on sexual misconduct/Title IX please go to the BSC home page ([www.bismarckstate.edu](http://www.bismarckstate.edu)), scroll to the bottom and click on Title IX.

**Guest Speaker Statement:** Bismarck State College is committed to presenting timely, innovative educational opportunities for its students. As part of those efforts, BSC faculty may invite guest speakers to address the student members of this course. Under FERPA regulations, such guest speakers are considered volunteers who serve a legitimate educational interest to institutional services or functions. Guest speakers will be informed by the faculty member of their responsibilities under FERPA to ensure student privacy. For more information, please visit the Department of Education's FERPA Student Privacy webpage at <https://studentprivacy.ed.gov/>

#### **Additional Information:**

\*I will be using Blackboard for sharing announcements and posting grades. You can access this information by clicking on "Online Campus" on BSC's homepage then logging in with your BSC username and password.

\*Cheating IN ANY FORM is not tolerated. A grade of zero will be recorded for any exam, quiz, or assignment which has involved cheating. The BSC Student Conduct Policy provides for expulsion from the college for cheating.

\*No electronic communications, including texting, are permitted during class.

\*Test results and grades are not available by phone or email.

\*The instructor reserves the right to make changes as deemed necessary.

**Course Outline:**

<b>LECTURE TOPICS</b>
Chapter 1: Organization of the Human Body
Chapter 2: Chemistry of Life
Chapter 3: Cells
Exam I
Chapter 4: Tissues
Chapter 6: Bone and Bone Tissue
Chapter 7: Skeletal System
Chapter 9: Muscular System
Exam II
Chapter 10: Nervous System
Chapter 20: Digestive System
Chapter 18: Urinary System
Exam III
Chapter 23: Reproductive System
Chapter 14: The Heart
Chapter 15: Vascular System
Exam IV